

ABSTRACT

2 A paper size recognizing device includes paper-aligning guides linear-reciprocally
3 mounted to closely align the paper loaded in the cassette in one direction, a signal-generating unit
4 interlocked with the paper-aligning guides, for generating plural signal codes selectively
5 combined in predetermined patterns, switching unit mounted in the main body to be selectively
6 operated in response to the signal codes generated by the signal-generated unit upon loading the
7 cassette; and controller for outputting as an electrical signal paper size information on the paper
8 loaded in a cassette through signal information inputted by operations of the switching unit,
9 whereby the paper size information on the paper held in the container can be automatically
10 recognized and provided in real-time upon loading the paper cassette.